

UI08H01005 BATTERY

Technical Datasheet - Tentative

Technical Specifications

Part No.	UI08H01005
Chemistry	Lithium Iron Phosphate (LiFePO4)

Electrical Parameters

Nominal voltage	25.6V
Nominal capacity	50 Ah
Max. charge current	50 A
Max. charge voltage	29.2V
Cont. discharge	120A
Peak discharge	120A
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	1.2 KWh

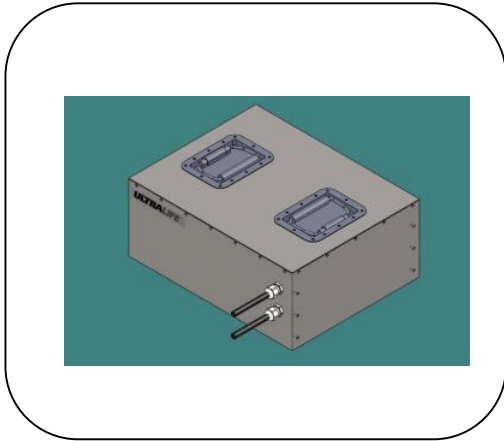
Safety Parameters PCM

Over-charge detection voltage	3650mV/cell ± 0.025 Volts
Over-discharge detection voltage	2500mV/cell ± 0.063 Volts

Operating temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)
Storage temperature	-20°C to 60°C max -20°C to 20°C recommended

Physical Parameters

Length	430mm
Width	335mm
Height	180mm
Weight	45 Kg
Contacts Output	Flying Leads
Enclosure	Sheet Metal Power Coated



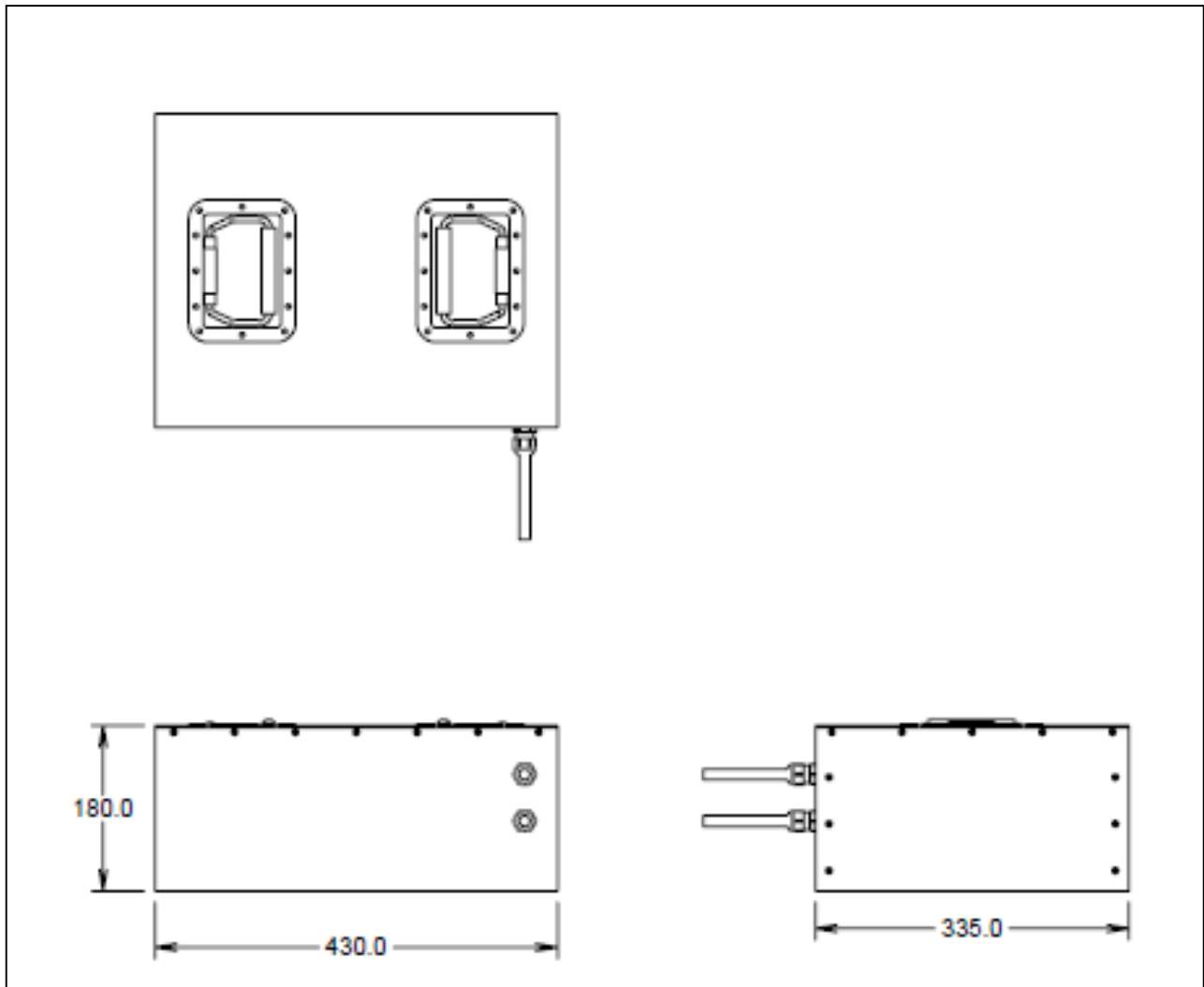
Features

- High energy density.
- Built-in Protection Module
- Comprehensive charging/ discharging and passive safety systems.

Application

- Suitable for use in Tow Trucks and Industrial Robotics

Dimensional Drawing



UI08H01005

Ultralife Batteries India Private Limited

No. 38B1 Part, Doddanakundi Industrial Area, 1st Phase, Mahadevapura, Bangalore 560 048

Phone : +91 80 28524680 , +91 80 28524690

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